

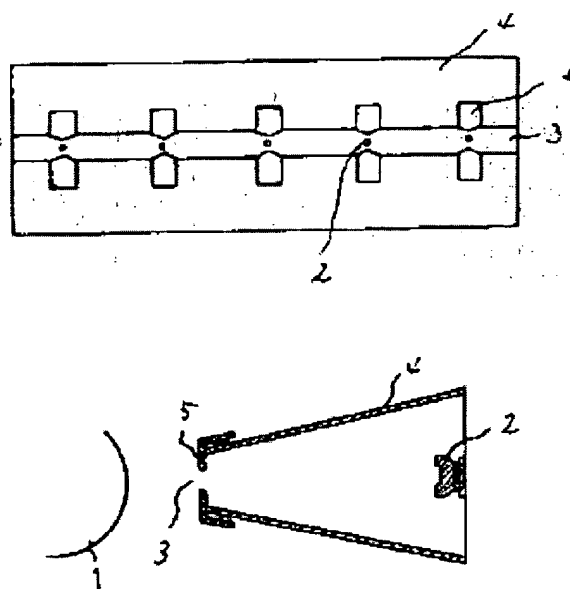
**SPRAY APPARATUS FOR PLANOGRAPHIC PRINTING PRESS**

**Patent number:** JP59159345  
**Publication date:** 1984-09-08  
**Inventor:** TERAMURA JIROU; others: 03  
**Applicant:** TOYO INK SEIZO KK; others: 01  
**Classification:**  
- international: B41F7/30  
- european:  
**Application number:** JP19830031854 19830301  
**Priority number(s):**

**Abstract of JP59159345**

**PURPOSE:** To uniformize the supply amount of dampening water to a roller, by surrounding a plurality of spray nozzles by an upper and lower flat hoods each having a transversely long opening part at a place facing to the surface of the roller while, if necessary, providing a spray amount control piece in the vicinity of each opening part.

**CONSTITUTION:** Above the surface of the roller 1 of a planographic printing press, an apparatus for spraying and supplying moisture such as water or alcohols from a plurality of spray nozzles 2 provided in parallel to the axial line of the roller 1 so as to leave a constant interval from said roll by air pressure is constituted. A plurality of the spray nozzles 2 are surrounded by an upper and a lower fault hoods 4 each having a transversely long opening part at a place facing to the surface of the roller 1 and, if necessary, a spray amount control piece 5 is provided in the vicinity of each opening part 3 and the spray amount at the places where the spray nozzles 2 are provided is dispersed left and right to perform the uniform supply of dampening water to the entire surface of the roller 1.



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IPC Classification: B41F7/30  
EC Classification:  
Equivalents: JP1659617C, JP3026651B

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**Abstract**

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⑮ Int. Cl.<sup>3</sup>  
A 47 B 47/04

識別記号

庁内整理番号  
B 7309—3B

⑯ 公開 昭和59年(1984)10月25日

審査請求 未請求

(全 2 頁)

⑭ 組立棚、箱類

⑰ 実 願 昭58—53226

⑱ 出 願 昭58(1983)4月9日

⑲ 考 案 者 小林末松

燕市南5丁目10番24号

⑳ 出 願 人 小林末松

燕市南5丁目10番24号

㉑ 代 理 人 弁理士 吉井昭栄

㉒ 実用新案登録請求の範囲

方形板の4隅角部にカット部を形成し、このカット部中心に板厚よりも薄く、カットした面積と略等しい連結嵌入板を突設して組立板を形成し、一方組立板の連結嵌入板を他組立板の連結嵌入溝を有する方形板と同厚の連結板を2枚、3枚、4枚等複数枚をある角度を保有させて一体建設したプラスチック製のジョイントを形成し、この組立板をジョイントを使用して所望形状の棚、箱等を

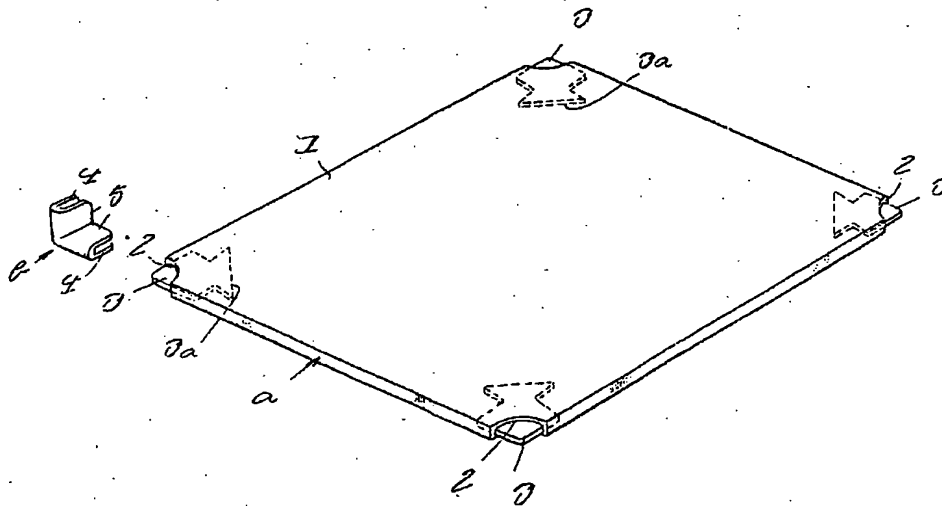
組立てする事の特徴とする組立棚、箱類。

図面の簡単な説明

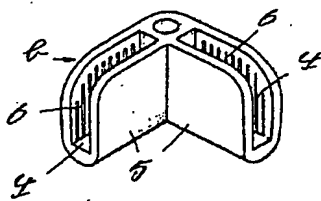
第1図は組立板とジョイントの斜面図、第2、3、4、5図はジョイントの斜面図、第6図は組立棚の斜面図、第7図は組立板とジョイントとの連結状態を示す正断面図である。

a…組立板、b…ジョイント、1…方形板、2…カット部、3…連結嵌入板、4…連結嵌入溝、5…連結板。

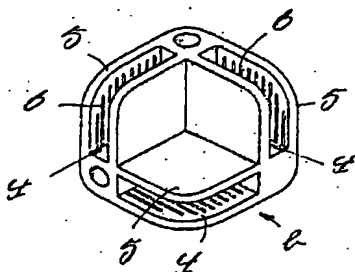
第1図



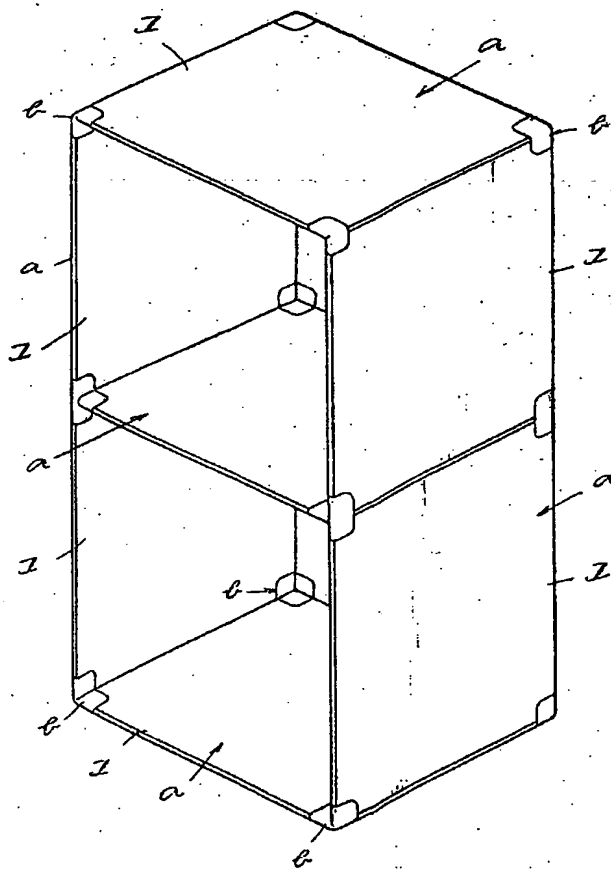
第2図



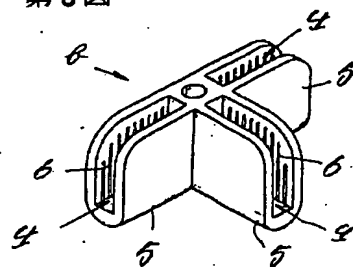
第4図



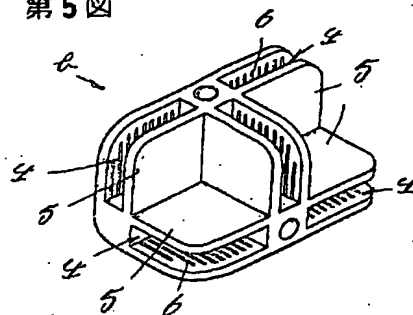
第6図



第3図



第5図



第7図

